

ATTACHMENT B
Amendments to the Specification

Please replace paragraph [0008] with the following amended paragraph.

[0001] In accordance with the invention, digital signal processing (DSP) techniques are employed in combination with high speed digitizers and low speed optical signals to enable a basic video guidance system such as described above to measure the time of flight to targets even when the video guidance sensor system can only image the target as a single spot. This is achieved in a relatively inexpensive manner because of the limited modifications necessary in the existing hardware and software. The invention also enables the control of return signal levels with minimum additional hardware and software.